

Appl. No. 10/538,248

Attorney Docket No. 10555-103

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Reconsideration and re-examination of this application in view of the above amendments and the following remarks is herein respectfully requested.

After entering this amendment, claims 2-15 and 18-27 remain pending.

*Allowable Subject Matter*

The Examiner's indication that claims 22-27 are allowed is gratefully acknowledged. The Examiner's indication that claims 10 and 19 would be allowable if rewritten in independent form is also gratefully acknowledged. With regard to claims 10 and 19, these claims are now presented in independent form including all the limitations of their base claims and any intervening claims. Since dependent claims necessarily include all the limitations of their intervening claims, it is submitted that this amendments of claims 10 and 19 are not narrowing amendments and do not give rise to any estoppel issues with regard to their interpretation under the doctrine of equivalents or limitations on that doctrine.

The remaining claims are all dependent on claims 10, 19 or currently allowed claim 27 and are allowable for at least the same reasons as stated above.

*Other Amendments to the Claims*

Claim 13 has been amended to recite that the optoelectronic component is a terahertz transceiver, terahertz transmitter or a terahertz



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- 6 -

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receiver. Support for this amendment can be found in paragraph [0021] of the detailed description section of the application.

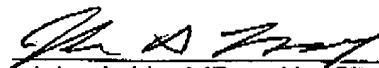
*Conclusion*

In view of the above amendments and remarks, it is respectfully submitted that the present form of the claims are patentably distinguishable over the art of record and that this application is now in condition for allowance. Such action is requested.

Respectfully submitted,

February 28, 2007

Date



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- 7 -